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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/799,215

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Kazuomi Oishi

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03/19/2008

CANON U.S.A. INC. INTELLECTUAL PROPERTY DIVISION
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IRVINE, CA 92618-3731

EXAMINER

TURCHEN, JAMES R

ART UNIT

PAPER NUMBER

2139

MAIL DATE

DELIVERY MODE

03/19/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/799,215	OISHI, KAZUOMI	
	Examiner	Art Unit	
	JAMES TURCHEN	2139	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 February 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claims 1-18 are pending. Claims 1, 4, 7, 10, 13, 16 are currently amended.

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 02/14/2008 has been entered.

Response to Arguments

Applicant's arguments with respect to claims 1-18 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-18 are rejected under 35 U.S.C. 102(b) as being anticipated by Matsuda et al. (US 2002/0133573).

Regarding claims 1, 4, and 7:

Matsuda discloses a method for limiting the use of a network address, the method comprising the steps of:

receiving a signal from a device connected to a network [*paragraph 65, the server NOA receives a request for desirable IP address and host name*];

acquiring the network address from the signal [*paragraph 65, server NOA acquires the MAC address of client NOA*];

acquiring identification data specific to the device from the signal [*paragraph 65, the server NOA determines if the MAC address is in the DHCP table (the DHCP entry is considered identification data)*];

determining whether the network address conforms to the identification data [*paragraph 65, server NOA determines if the data conforms (the MAC address matches the DHCP entry) or if it does not*]; and

sending a message preventing the device from using the network address based on the determination [*paragraph 65, when the determination has been made that the MAC does not conform with the DHCP entry a new IP-address and network name are assigned as needed; paragraph 66, the updated name and IP-address are sent to the client NOA thus preventing the client NOA from using the network address previously requested*].

Regarding claims 2, 5, and 8:

Matsuda discloses the method according to claim 1, wherein the identification data is a data-link-layer identifier of a network interface of the device [*paragraph 65, the identification data (DHCP entry) contains the MAC address, network address, and network name*].

Regarding claims 3, 6, and 9:

Matsuda discloses the method according to claim 1, wherein the message in the sending step indicates that the network address is duplicated [*paragraph 66, a new*

network address and/or network name would indicate that the requested network address was already in use].

Regarding claims 10, 13, and 16:

A method for limiting data transfer, the method comprising the steps of:

receiving a signal from a device connected to a network [*paragraph 65, the server NOA receives a request for desirable IP address and host name*];

acquiring a network address from the signal [*paragraph 65, server NOA acquires the MAC address of client NOA*];

acquiring identifier specific to the device from the signal [*paragraph 65, the server NOA determines if the MAC address is in the DHCP table (the DHCP entry is considered identification data)*];

determining whether the network address conforms to the identifier specific to the device [*paragraph 65, server NOA determines if the data conforms (the MAC address matches the DHCP entry) or if it does not*]; and

limiting transfer of the signal in accordance with whether the network address corresponds to the identifier specific to the device [*paragraph 65, when the determination has been made that the MAC does not conform with the DHCP entry a new IP-address and network name are assigned as needed; paragraph 66, the updated name and IP-address are sent to the client NOA thus limiting transfer of the client NOA from using the network address previously requested*].

Regarding claim 11:

Matusda discloses the method according to claim 10, wherein the identifier is a data-link-layer identifier of a network interface of the device [*paragraph 65, the identification data (DHCP entry) contains the MAC address, network address, and network name*].

Regarding claim 12:

Matsuda discloses the method according to claim 10, wherein, in the limiting step, the transfer of the signal from a first network to a second network is limited [*paragraph 66, the client NOA is limited to the new network address and/or network name, therefore all transfers from the client are also limited to the network address and network name*].

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JAMES TURCHEN whose telephone number is (571)270-1378. The examiner can normally be reached on MTWRF 7:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid can be reached on (571)272-4063. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2139

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JRT

/Kristine Kincaid/
Supervisory Patent Examiner, Art Unit 2139